

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An information storage medium on which video data are recorded, comprising:
a plurality of clips comprising recording units in which the video data are stored; and
text data for subtitles which are not multiplexed with the plurality of clips and are recorded in at least one ~~separately~~ separate file from the plurality of clips and overlappable with an image according to the video data and then outputtable, the text data comprising data for providing subtitles in at least one language,
wherein the text data are recorded in a separate file for each of the at least one language.
2. (Original) The information storage medium of claim 1, further comprising character font data, which are recorded separately from the plurality of clips, for graphic expression of the text data and which are usable in the text data.
3. (Original) The information storage medium of claim 1, wherein, when the text data is of multiple languages, the text data are recorded in separate spaces for each of the multiple languages.
4. (Previously Presented) The information storage medium of claim 1, wherein the text data comprises character data which are convertible into graphic data and output synchronization information for synchronizing the graphic data with the video data.
5. (Previously Presented) The information storage medium of claim 1, wherein the text data comprises character data which are convertible into graphic data and output location information indicating a location in which the graphic data is to be displayed when the graphic data is overlapped with an image according to the video data.
6. (Previously Presented) The information storage medium of claim 1, wherein the text data comprises character data which are convertible into graphic data and information for

expressing the output of the graphic data in a plurality of sizes when the graphic data is overlapped with an image.

7. (Previously Presented) The information storage medium of claim 1, wherein:
the video data are divided into units that are continuously reproducible; and
a size of all of the text data corresponding to one unit is limited.

8. (Previously Presented) The information storage medium of claim 1, wherein the video data is divided into a plurality of units that are continuously reproducible, the text data corresponding to each reproducing unit being divided into a plurality of language sets, a size of all of the text data forming one language set being limited.

9. (Original) The information storage medium of claim 1, wherein the data forming the text data are expressed and recorded in Unicode for supporting multi-language character sets.

10. (Previously Presented) The information storage medium of claim 9, wherein, when the text data for subtitles are formed only with characters of one of : ASCII, which is a basic English character set, and ISO8859-1, which is a Latin-extended character set, the text data being coded and recorded by using UTF-8 by which one character is coded into a plurality of 8-bit units.

11. (Previously Presented) The information storage medium of claim 9, wherein, when the text data comprises a character having a code point value of a 2-byte size in Unicode, the text data being coded and recorded by using UFT-16 by which one character is coded into a plurality of 16-bit units.

12. (Original) The information storage medium of claim 1, wherein the information storage medium is a removable type.

13. (Original) The information storage medium of claim 12, wherein the information storage medium is an optical disc which is readable by an optical apparatus of the reproducing apparatus.

14. (Currently Amended) A reproducing apparatus which reproduces data from an information storage medium on which video data is recoded, the video data being coded and divided into clips that are recording units and recorded in a plurality of clips and on which text data for subtitles that are formed with data of a plurality of languages and are overlappable as graphic data with an image based on the video data, the text data being not multiplexed with the plurality of clips and being recorded in at least one ~~separately~~ separate file from the clips, the reproducing apparatus comprising:

- a data reproducing unit configured to read data from the information storage medium;
- a decoder configured to decode the coded video data;
- a renderer configured to convert the text data into graphic data;
- a blender configured to overlay the graphic data with the video data to generate an image;
- a first buffer configured to temporarily store the video data; and
- a second buffer configured to store the text data,

wherein the text data are recorded in a separate file for each of the at least one language.

15. (Previously Presented) The reproducing apparatus of claim 14, wherein:
font data are stored in a third buffer and are usable in the text data for graphic expression of the text data and are recorded separately from the clips on the information storage medium;
and
the renderer is further configured to convert the text data into graphic data using the font data.

16. (Previously Presented) The reproducing apparatus of claim 14, wherein:
when the text data are data of multiple languages, the text data are recorded in separate spaces for each of the languages;
text data for a language that is one of selected by a user and set as an initial reproducing language s are temporarily stored in the second buffer;

font data for converting the text data into graphic data are temporarily stored in the third buffer; and

simultaneously, while reproducing video data, the text data is converted into graphic data and the graphic data is output.

17. (Previously Presented) The reproducing apparatus of claim 14, further comprising:
a controller configured to control an output start time and end time of the text data using synchronization information,

wherein the text data are recorded on the information storage medium, the text data comprising the synchronization information, by which the text data are converted into graphic data which are overlapped with an image based on the video data.

18. (Previously Presented) The reproducing apparatus of claim 14, further comprising:
a controller configured to control a location where the text data is overlapped with an image based on the video data using output location information,

wherein the text data are recorded on the information storage medium, the text data comprising character data which are convertible into graphic data, and

wherein the output location information, indicating a location where the graphic data is to be output when the graphic data is overlapped with an image based on the video data, is recorded on the information storage medium.

19. (Previously Presented) The reproducing apparatus of claim 16, wherein:
the video data recorded on the information storage medium are divided into units that are continuously reproducible, and within a limited size of all of the text data corresponding to the recording unit, the text data are recorded,

all of the text data whose size is limited is stored in the second buffer before reproducing the continuously reproducible units; and

when a language change occurs during reproduction, subtitle data corresponding to the language stored in the buffer is output.

20. (Previously Presented) The reproducing apparatus of claim 16, wherein:

the video data is divided into units that are continuously reproducible, the text data corresponding to one unit are divided into a plurality of language sets, the text data for subtitles forming the one language set are recorded so that all of the text data is limited;

the text data corresponding to a language set containing the subtitle data which are output simultaneously with video data, are stored in the buffer before reproducing the unit that is continuously reproducible;

when a language change occurs during reproduction, when the text data for the language are in the buffer, the text data for the language are output; and

when the text data for the language are not in the buffer, the text data corresponding to the language set containing the text data for the language are stored in the buffer and the text data for the language are output.

21. (Previously Presented) The reproducing apparatus of claim 14, further comprising:

a subtitle size selector configured to select a size of the subtitle data based on a user input,

wherein the text data comprises character data, which are convertible into graphic data, and information indicating the output of a plurality of graphic data items when the graphic data is overlapped with an image based on the video data are recorded on the information storage medium.

22. (Previously Presented) The reproducing apparatus of claim 14, wherein:

on the information storage medium, data forming the text data is expressed and recorded in Unicode for supporting multi-language sets; and

the renderer is further configured to convert the characters expressed in Unicode into graphic data.

23. (Previously Presented) The reproducing apparatus of claim 22, wherein:

on the information storage medium, when the text data for subtitles are formed only with characters of one of: ASCII, which is a basic English character set, and ISO8859-1, which is a

Latin-extended character set, the text data being coded and recorded by using UTF-8 by which one character is coded into a plurality of 8-bit units; and

the renderer is further configured to convert the characters expressed by UTF-8 into graphic data.

24. (Previously Presented) The reproducing apparatus of claim 22, wherein:
on the information storage medium, when the text data comprises a character having a code point value of a 2-byte size in Unicode, the text data are coded and recorded by using UTF-16 by which one character is coded into a plurality of 16-bit units; and

the renderer is further configured to convert the characters expressed by UTF-16 into graphic data.

25. (Previously Presented) The reproducing apparatus of claim 14, wherein:
the information storage medium comprises a removable type; and
the reproducing apparatus is further configured to read data from and reproduce data on the removable information storage medium.

26. (Previously Presented) The reproducing apparatus of claim 25, wherein:
the information storage medium comprises an optical disc which is readable by an optical apparatus of the reproducing apparatus; and
the reproducing apparatus is further configured to read and reproduce data recorded on the optical disc.

27. (Previously Presented) The reproducing apparatus of claim 14, wherein the reproducing apparatus is further configured to output the graphic data without reproducing video data recorded on the information storage medium.

28. (Previously Presented) The reproducing apparatus of claim 27, wherein:
the subtitle data further comprises subtitle data for one or more languages; and
the renderer is further configured to convert text data for the one or more languages into graphic data.

29. (Original) The reproducing apparatus of claim 27, wherein the subtitle data are synchronously overlapped with a video image and then output.

30-42. (Canceled)

43. (Currently Amended) A method of reproducing data stored on an information storage medium, comprising:

reading audio-visual (AV) data and text data, the text data being not multiplexed with the plurality of clips and being recorded on at least one separately-separate file from the audio-visual (AV) data;

rendering subtitle image data from the text data;

decoding the AV data and outputting decoded AV data; and

blending the subtitle image data and the decoded AV data,

wherein the text data are recorded in a separate file for each of the at least one language.

44. (Original) The method of claim 43, further comprising synchronizing the subtitle image data with the video information using synchronization information included in the decoded AV data.

45. (Previously Presented) The method of claim 43, wherein the text data comprises display area information, display style box information, and information indicating a language.

46. (Original) The method of claim 45, wherein the display area information designates a location on which rendered subtitle image data are displayed on a screen.

47. (Previously Presented) The method of claim 45, wherein the display style box information comprises information regarding at least one of: a size of displayed characters, a writing of rendered subtitle image data in horizontal lines and/or vertical lines, an arrangement, colors, and a contrast in the display area.

48. (Original) The method of claim 43, further comprising loading the subtitle data into a buffer.

49. (Previously Presented) The method of claim 43, wherein the AV data, the text data, and the font data are stored in an information storage medium readable by the reading section.

50. (Previously Presented) The method of claim 43, wherein the blending yields a video image having subtitles displayed thereon.

51. (Currently Amended) A reproduction apparatus, comprising:
a reading section configured to read audio-visual (AV) data, text data, and font data, the text data being recorded in at least one separately-separate file from the audio-visual (AV) data;
a decoder section configured to decode the AV data and outputs moving picture data;
a rendering section configured to render subtitle image data from the text data; and
a blending section configured to synthesize the moving picture data with the subtitle image data.

52. (Previously Presented) The reproduction apparatus of claim 51, further comprising a buffer section configured to buffer data between the reading section and the decoding and rendering sections.

53. (Original) The reproduction apparatus of claim 51, wherein the AV data, the text data, and the font data are stored in an information storage medium readable by the reading section.

54. (Previously Presented) The reproduction apparatus of claim 51, wherein at least one of the text data and the font data are stored in a downloadable database.

55. (Previously Presented) The reproduction apparatus of claim 51, wherein the AV data is stored in an information storage medium readable by the reading section.

56. (Previously Presented) The reproduction apparatus of claim 51, wherein the rendering section is further configured to find a font matching a character code of each character in the text data, the fonts being stored in one of a downloadable database and in a storage section of the apparatus.

57. (Previously Presented) The reproduction apparatus of claim 51, wherein:
the text file comprises data for each of one or more languages; and
the text data comprises information indicating one of the one or more languages.

58. (Previously Presented) The reproduction apparatus of claim 51, wherein, when the text file comprises data for each of one or more languages, the text data is one of stored as multiplexed data in an area and stored in separate areas for each of the one or more languages.

59-61. (Canceled)